

#### PATENT COOPERATION TREATY

### **PCT** MACLEAN, Kenneth, John, Hamson **British American Tobacco Limited** R & D Centre COMMUNICATION IN CASES FOR WHICH NO OTHER FORM IS APPLICABLE Patents Dept. Regents Park Road Southampton SO15 8TL **ROYAUME-UNI** REPLY DUE

From the INTERNATIONAL BUREAU

Date of mailing (day/month/year) 16 November 1999 (16.11.99) Applicant's or agent's file reference see paragraph 1 below International application No. International filing date (day/month/year) 29 May 1998 (29.05.98) PCT/GB98/01586 Applicant **BRITISH AMERICAN TOBACCO INVESTMENTS LIMITED** 

1.	REPLY DUE within months/days from the above date of mailing
	NO REPLY DUE, however, see below
	MPORTANT COMMUNICATION
	INFORMATION ONLY
2.	COMMUNICATION:
	Please be informed that due to a clerical error the nationality of the inventor NATARAJAN was published as US, when the correct nationality should be <u>IN</u> . This information has been corrected and a corrected version of the pamphlet front page will be published soon. A copy of this notification is being sent of the elected Offices concerned.
L	
	The International Durant of WIDO Authorized officer

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No. (41-22) 740.14.35

Maria Victoria CORTIELLO

Telephone No. (41-22) 338.83.38

### PATENT COOPERATION TREATY

	From the INTERNATIONAL BUREAU			
PCT	To:			
NOTIFICATION OF ELECTION	United States Patent and Trademark Office			
(PCT Rule 61.2)	(Box PCT)			
	Crystal Plaza 2			
	Washington, DC 20231 ÉTATS-UNIS D'AMÉRIQUE			
Date of mailing (day/month/year)	7			
10 February 1999 (10.02.99)	in its capacity as elected Office			
International application No. PCT/GB98/01586	Applicant's or agent's file reference			
International filing date (day/month/year)	Priority date (day/month/year)			
29 May 1998 (29.05.98)	19 June 1997 (19.06.97)			
Applicant	<del>,  , , , , , , , , , , , , , , , , , , </del>			
BIGGS, Philip, John et al				
The designated Office is hereby notified of its election management	de:			
X in the demand filed with the International Prelimina	ry Examining Authority on:			
14 January 15				
	(14.01.00)			
in a notice effecting later election filed with the Inter	rnational Bureau on:			
	<del> </del>			
2. The standard [V]	!			
2. The election X was				
was not				
made before the expiration of 19 months from the priority Rule 32.2(b).	date or, where Rule 32 applies, within the time limit under			
<b>,</b>				
	i			
The International Bureau of WIPO	Authorized officer			
34, chemin des Colombettes 1211 Geneva 20, Switzerland	Margret Fourne-Godbersen			
Facsimile No.: (41-22) 740.14.35	Telephone No.: (41-22) 338.83.38			

# Copy f r the Elected Office (EO/US

# -ATENT COOPERATION TREATY

	From t	he INTERNATIO	NAL BU	IREAU	
PCT	To:	To:			
NOTIFICATION OF THE RECORDING OF A CHANGE  (PCT Rule 92bis.1 and Administrative Instructions, Section 422)  Date of mailing (day/month/year) 04 March 1999 (04.03.99)	Briti R & Pate Reg Sou	MACLEAN, Kenneth, John, Hamson British American Tobacco Limited R & D Centre Patents Dept. Regents Park Road Southampton SO15 8TL ROYAUME-UNI			
Applicant's or agent's file reference	<del> </del>				
represents or agent's me reference		IMPORTANT	T NOTIF	FICATION	
International application No. PCT/GB98/01586		nal filing date (day/r May 1998 (29.05.)	=	ar)	
The following indications appeared on record concerning:	_			<del></del>	
X the applicant X the inventor	the age	nt the	commor	n representative	
Name and Address		State of Nationalit	У	State of Residence	
GILBERT, Richard, Thomas 8 Stella Court		GB Telephone No.		GB	
Coxford Road Lordsworth		relephone No.			
Southampton SO16 5SL		Facsimile No.	<del> </del>		
United Kingdom					
		Teleprinter No.			
2. The International Bureau hereby notifies the applicant that t	the following	change has been re	corded co	oncerning:	
the person the name X the ad	dress	the nationality	[_	the residence	
Name and Address		State of Nationality	y	State of Residence	
GILBERT, Richard, Thomas 8 Stella Court		GB Telephone No.		GB 	
Coxford Road Lordswood	8	retephone No.			
Southampton SO16 5SL	J	Facsimile No.			
United Kingdom					
		Teleprinter No.			
3. Further observations, if necessary					
4. A copy of this notification has been sent to:					
X the receiving Office	ſ	the designated	Offices co	oncerned	
the International Searching Authority	Ī	the elected Offic	ces conce	rned	
the International Preliminary Examining Authority		other:			
The International Bureau of WIPO	Authorized	officer			
34, chemin des Colombettes		Maria \	/ictoria	CORTIELLO	
1211 Geneva 20, Switzerland Facsimile No : (41,22) 740 14 35	Telephone No : (41,22) 338 83 38				

# 'ATENT COOPERATION TRL. TY

	From the INTERNATIONAL BUREAU				
PCT	To:				
NOTIFICATION OF THE RECORDING	MAC	LEAN, Kenneth, John,	, Hamson		
OF A CHANGE	Britis	h American Tobacco			
		Centre			
(PCT Rule 92bis.1 and		nts Dept. nts Park Road			
Administrative Instructions, Section 422)		hampton SO15 8TL			
Date of mailing (day/month/year)	ROYAUME-UNI				
14 January 1999 (14.01.99)					
Applicant's or agent's file reference		IMPORTANT NOT	IFICATION		
	ļ <u>.</u>				
International application No.	1	nal filing date (day/month/y	ear)		
PCT/GB98/01586	23 IV	lay 1998 (29.05.98)			
1. The following indications appeared on record concerning:					
X the applicant the inventor	the agen	t the commo	on representative		
Al and Adding	<u>-</u>	State of Nationality	State of Residence		
Name and Address BRITISH AMERICAN TOBACCO		GB	GB		
INVESTMENTS LIMITED	ŀ	Telephone No.	<del></del>		
Millbank Knowle Green		01784 460400	100		
Staines	l	Facsimile No.			
Middelesex TW18 1DY United Kingdom		01784 455000			
Omica imigaoiii	1	Teleprinter No.			
2. The International Bureau hereby notifies the applicant that the	ne following	change has been recorded	concerning:		
the person the name X the add	ress	the nationality	the residence		
Name and Address	—— <u>—</u> T	State of Nationality	State of Residence		
BRITISH AMERICAN TOBACCO		GB	GB		
INVESTMENTS LIMITED	ļ	Telephone No.			
Globe House 1 Water Street	1	01784 460400			
LONDON WC2R 3LA	t	Facsimile No.			
United Kingdom		01784 455000			
	1	Teleprinter No.			
3. Further observations, if necessary:					
4. A copy of this notification has been sent to:					
X the receiving Office	[:	the designated Offices	concerned		
the International Searching Authority	Ī	the elected Offices cond	cerned		
the International Preliminary Examining Authority	Ī	other: IPEA/EP			
the international Frenchistry	L				
The International Bureau of WIPO	Authorized	officer			
34, chemin des Colombettes	Maria Victoria CORTIELLO				
1211 Geneva 20, Switzerland					
Englimile No.: (41.22) 740.14.35	Talanhana N	lo · //1-22) 338 83 38			

#### WORLD INTELLECTUAL PROPERTY ORGANIZATION International Bureau



#### INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6:

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(11) International Publication Number:

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(21) International Application Number:

PCT/GB98/01586

A1

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29 May 1998 (29.05.98)

(30) Priority Data:

9712815.1

19 June 1997 (19.06.97)

GB

(71) Applicant (for all designated States except US): BRITISH AMERICAN TOBACCO INVESTMENTS LIMITED [GB/GB]; Millbank, Knowle Green, Staines, Middelesex TW18 1DY (GB).

(72) Inventors; and

- (75) Inventors/Applicants (for US only): BIGGS, Philip, John [GB/GB]; 66 Laburnum Crescent, Hythe, Southampton SO45 3PN (GB). GILBERT, Richard, Thomas [GB/GB]; Brendan Court 3.32, The University of Bath, Bath, Avon BA2 7AY (GB). MCADAM, Kevin, Gerard [GB/GB]; 68 Angelica Way, Whiteley, Fareham PO15 7HZ (GB). NATARAJAN, Bhasker [US/US]; 560 Kensington Road #5, Lancaster, PA 17603 (US).
- (74) Agents: MACLEAN, Kenneth, John, Hamson et al.; British American Tobacco Limited, R & D Centre, Patents Dept., Regents Park Road, Southampton SO15 8TL (GB).

(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

#### **Published**

With international search report.

Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: SMOKING ARTICLE AND SMOKING MATERIAL THEREFOR

#### (57) Abstract

The invention relates to a reconstituted smoking material which comprises a non-polyol aerosol generator, tobacco (optional), binder (optional) and inorganic filler. A further polyol aerosol generator may also be contained in the smoking material. There is also provided a smoking article containing such material in a conventional arrangement or with a core axially disposed within an annulus. A further aspect of the invention is the provision of a polyol or non-polyol aerosol generated disposed in the filter element of a smoking article, which may contain the inventive smoking material. The aerosol material on the filter is eluted into the aerosol of the smoke on burning of the smoking article.

### FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

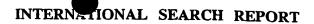
AL	Albania .	ES	· Spain	LS	Lesotho	SI	Slovenia
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EE	Estonia	LR	Liberia	SG	Singapore		

# INTERNATIONAL SEARCH REPORT

Inter ... ional Application No

		PCT/GB 98/0	01586					
A. CLASSI IPC 6	FICATION OF SUBJECT MATTER A24B15/16 A24D3/14		-					
According to	International Patent Classification (IPC) or to both national classificat	ion and IPC	. <del>.</del>					
B. FIELDS	SEARCHED							
Minimum do IPC 6	Minimum documentation searched (classification system followed by classification symbols)							
Documentat -	tion searched other than minimum documentation to the extent that su	ch documents are included in the fields searc	ched .					
Electronic d	ata base consulted during the international search (name of data bas	e and, where practical, search terms used)						
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT							
Category °	Citation of document, with indication, where appropriate, of the rele	vant passages	Relevant to claim No.					
Х	LU 66 008 A (IMPERIAL CHEMICAL IN LIMITED) 17 January 1973	DUSTRIES	1-6, 9-12, 14-16					
Υ	see example 4		18-20, 22-24,27					
Y	US 4 917 121 A (RIEHL ET AL.) 17 April 1990	figure 2	18-20, 22-24,27					
х	see column 2, line 22 - line 55; see column 3, line 8 - line 24	rigure Z	25~28					
А	US 4 924 886 A (LITZINGER) 15 May	1990	18-20, 22-24					
	see column 2, line 30 - column 3, figure 1							
	-	-/						
X Furt	her documents are listed in the continuation of box C.	X Patent family members are listed in	annex.					
"A" docum	ent defining the general state of the art which is not	"T" later document published after the intern or priority date and not in conflict with the	ne application but					
considered to be of particular relevance  "E" earlier document but published on or after the international filling date  cifed to understand the principle or theory underlying the invention  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to								
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or								
other "P" docum	s to a person skilled							
later than the priority date claimed "8" document member of the same patent family  Date of the actual completion of theinternational search  Date of mailing of the international search report								
9	November 1998	18. 11.	1998					
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk	Authorized officer						
	NL - 2260 HV Hijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016	Lepretre, F						

2





Inte ..ional Application No PCT/GB 98/01586

	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 97 32490 A (BRITISH AMERICAN TOBACCO) 12 September 1997 see page 9, paragraph 1; claims; tables 1,3,5	1-17
X	US 5 056 537 A (BROWN ET AL.) 15 October 1991 see column 3, line 48 - column 4, line 21; claims 13-16	25
X	GB 755 479 A (PHILIP MORRIS)  22 August 1956  see page 1, line 64 - line 80; examples	25

2

### INTERNATIONAL SEARCH REPORT

International application No. PCT/GB 98/01586

Box i Observati na where certain claims were found unsear hable (Continuation of item 1 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. Claims Nos.:  because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
see additional sheet
1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this international Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest  The additional search fees were accompanied by the applicant's protest.  X No protest accompanied the payment of additional search fees.

#### FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-24

A smoking material comprising a non-polyol aerosol generator, up to 20% by weight tobacco, binder at not more than 20% by weight and not less than 30% by weight inorganic filler.

2. Claims: 25-30

A smoking article comprising a smokable rod and a filter, the smokable rod comprising smoking material and the filter comprising filtration material provided with an elutable aerosol generator, the aerosol generator being elutable from the filter upon smoking of the smoking article.

information on patent family members

Inte ional Application No PCT/GB 98/01586

Patent document cited in search report		Publication date	Patent family member(s)		Publication ~ date
LU 66008	Α	17-01-1973	AR AU	193290 A 4588672 A	11-04-1973 28-02-1974
			BE	788198 A	28-02-1973
			DE	2244030 A	15-03-1973
			FR	2152183 A	20-04-1973
•			GB	1339144 A	28-11-1973
			ΙE	36889 B	16-03-1977
			JP	48035096 A	23-05-1973
			NL	7212166 A	12-03-1973
			US	3878850 A 7205667 A	22-04-1975 30-05-1973
			ZA	/20500/ A	30-05-1973
US 491712	1 A	17-04-1990	AU	598978 A	05-07-1990
			CA	2003366 A,C	09 <del>-</del> 06-1990
			CH	679106 A	31-12-1991
			DE	3938010 A	13-06-1990
			GB	2225700 A,B	13-06-1990
US 492488	36 A	15-05-1990	AU	598977 A	05-07-1990
			CA	2003367 A,C	21-05-1990
			CH	679632 A	31-03-1992
			DE	3936249 A	23-05-1990
			GB	2224921 A,B	23-05-1990
WO 973249	90 A	12-09-1997	AU	2224897 A	22-09-1997
US 505653	37 A	15-10-1991	NONE		
GB 755479	 ) A		CH	331835 A	
	• • •		DE	959356 C	
			FR	1111207 A	23-02-1956
			NL	190486 A	
			NL	86569 C	



PIEN 1000

NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF THE INTERNATIONAL APPLICATION TO THE DESIGNATED OFFICES

(PCT Rule 47.1(c), first sentence

From the INTERNATIONAL BUREAU

To:

MACLEAN, Kenneth, John, Hamson **British American Tobacco Limited** R & D Centre

Patents Dept.

Regents Park Road

Southampton SO15 8TL

**ROYAUME-UNI** 

Date of mailing (day/month/year)

- 23 December 1998 (23.12.98) \*\*\*\*

Applicant's or agent's file reference

le una

IMPORTANT NOTICE

International application No. PCT/GB98/01586

International filing date (day/month/year)

29 May 1998 (29.05.98)

Priority date (day/month/year)

19 June 1997 (19.06.97)

**Applicant** 

BRITISH AMERICAN TOBACCO INVESTMENTS LIMITED et al

Notice is hereby given that the International Bureau has communicated, as provided in Article 20, the international application to the following designated Offices on the date indicated above as the date of mailing of this Notice: AU, BR, CA, CN, EP, IL, JP, KP, KR, PL, US

In accordance with Rule 47.1(c), third sentence, those Offices will accept the present Notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

2. The following designated Offices have waived the requirement for such a communication at this time:

AL,AM,AP,AT,AZ,BA,BB,BG,BY,CH,CU,CZ,DE,DK,EA,EE,ES,FI,GB,GE,GH,GM,GW,HU,ID,IS,KE, KG,KZ,LC,LK,LR,LS,LT,LU,LV,MD,MG,MK,MN,MW,MX,NO,NZ,OA,PT,RO,RU,SD,SE,SG,SI,SK,SL, TJ,TM,TR,TT,UA,UG,UZ,VN,YU,ZW
The communication will be made to those Offices only upon their request. Furthermore, those Offices do not require the

applicant to furnish a copy of the international application (Rule 49.1(a-bis)).

3. Enclosed with this Notice is a copy of the international application as published by the International Bureau on 23 December 1998 (23.12.98) under No. WO 98/57556

#### REMINDER REGARDING CHAPTER II (Article 31(2)(a) and Rule 54.2)

If the applicant wishes to postpone entry into the national phase until 30 months (or later in some Offices) from the priority date, a demand for international preliminary examination must be filed with the competent International Preliminary Examining Authority before the expiration of 19 months from the priority date.

It is the applicant's sole responsibility to monitor the 19-month time limit.

Note that only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination.

#### REMINDER REGARDING ENTRY INTO THE NATIONAL PHASE (Article 22 or 39(1))

If the applicant wishes to proceed with the international application in the national phase, he must, within 20 months or 30 months, or later in some Offices, perform the acts referred to therein before each designated or elected Office.

For further important information on the time limits and acts to be performed for entering the national phase, see the Annex to Form PCT/IB/301 (Notification of Receipt of Record Copy) and Volume II of the PCT Applicant's Guide.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland

Authorized officer

J. Zahra

Facsimile No. (41-22) 740.14.35

Telephone No. (41-22) 338.83.38

## PATENT COOPERATION TREAT

# **PCT**

Y Rec'd	27	SEP	1999	_
MIP(	)	F	CT	

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's	or age	nt's file reference	<u> </u>	See Notifica	ation of Transmittal of International				
RD 407			FOR FURTHER ACTION	Preliminary	Examination Report (Form PCT/IPEA/416)				
Internationa	l appli	cation No.	International filing date (day/month	/year)	Priority date (day/month/year)				
PCT/GB98/01586 29/05/1998 19/06/1997									
	International Patent Classification (IPC) or national classification and IPC A24B15/16								
Applicant									
BRITISH	AME	RICAN TOBACCO IN	VESTMENTS L.et al.						
		ational preliminary exami smitted to the applicant a		l by this Inte	rnational Preliminary Examining Authority				
2. This F	REPO	RT consists of a total of	6 sheets, including this cover sl	heet.					
b	een a	mended and are the bas	d by ANNEXES, i.e. sheets of th sis for this report and/or sheets c 07 of the Administrative Instruction	ontaining re	n, claims and/or drawings which have ctifications made before this Authority ne PCT).				
These	ann	exes consist of a total of	sheets.						
				<del></del>					
3. This r	eport	contains indications rela	iting to the following items:						
	×	Basis of the report							
11		Priority							
111	×	Non-establishment of o	pinion with regard to novelty, inv	entive step	and industrial applicability				
١٧	×	Lack of unity of invention	on						
V	Ճ		nder Article 35(2) with regard to one suporting such statement	novelty, inve	entive step or industrial applicability;				
VI		Certain documents cité	ed						
VII	$\boxtimes$	Certain defects in the in	nternational application						
VIII		Certain observations of	n the international application						
Date of submission of the demand  Date of completion of this report									
14/01/19	99			2 3. 09.	99				
		g address of the international	Authoriz	ed officer	30 MONTE				
Freminaly	Euro	ppean Patent Office		_					
<i>)</i> ))		0298 Munich +49 89 2399 - 0 Tx: 523656	Pille, S	3					
		+49 89 2399 - 4465	· · · · · · · · · · · · · · · · · · ·	ne No. +49 8	9 2399 2097				

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/GB98/01586

I.	Basis of the report							
1.	This report has been drawn on the basis of (substitute sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to the report since they do not contain amendments.):							
	Des	scription, pages:						
	1-12	2	as originally filed					
	Cla	ims, No.:						
	1-30	O	as originally filed					
2.	The	amendments have	resulted in the cancellation of:					
		the description,	pages:					
		the claims,	Nos.:					
		the drawings,	sheets:					
3.			en established as if (some of) the amendments had not been made, since they have been beyond the disclosure as filed (Rule 70.2(c)):					
4.	Ado	litional observations	s, if necessary:					
HI.	. Noi	n-establishment of	opinion with regard to novelty, inventive step and industrial applicability					
			e claimed invention appears to be novel, to involve an inventive step (to be non-obvious), able have not been examined in respect of:					
		the entire internati	onal application.					
	×	claims Nos. 29, 30	).					
be	caus	se:						

☐ the said international application, or the said claims Nos. relate to the following subject matter which does

not require an international preliminary examination (specify):

# INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/GB98/01586

	×	the description, claims or drawings (indicate particular elements below) or said claims Nos. 29, 30 are so unclear that no meaningful opinion could be formed (specify):	
		see separate sheet	
		the claims, or said claims Nos. are so inadequately supported by the description that no meaningful opinion could be formed.	
		no international search report has been established for the said claims Nos	
IV.	Lac	k of unity of invention	
1.	In r	esponse to the invitation to restrict or pay additional fees the applicant has:	
		restricted the claims.	
	×	paid additional fees.	
		paid additional fees under protest.	
		neither restricted nor paid additional fees.	
2.		This Authority found that the requirement of unity of invention is not complied and chose, according to Rule 68.1, not to invite the applicant to restrict or pay additional fees.	
3,	Thi	s Authority considers that the requirement of unity of invention in accordance with Rules 13.1, 13.2 and 13.3 is	
		complied with.	
	×	not complied with for the following reasons:	S
		see separate sheet	
4.		nsequently, the following parts of the international application were the subject of international preliminary mination in establishing this report:	
	×	all parts.	
		the parts relating to claims Nos	

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#### ad III

Claims 29 and 30 do not contain precise technical features 1).

#### ad IV

2). The application is considered to lack unity for the same reasons as given in the International Search Report.

#### ad V

- The present application does not meet the requirements of Article 33(2) PCT, 3). because the subject-matter of claims 1 to 12 and 14 is not new over LU-A-66008. This document also shows a smoking material (claim 1) comprising (see p. 6, I. 12-22) a non-polyol aerosol generator (1 part or 5% triacetin), up to 20%wt tobacco (0%), binder not more than 20%wt (2,3 parts or 11.5% sodium carboxymethylcellulose) and not less than 30%wt inorganic filter (2.92 parts Ca carbonate, 0.95 parts of bentonite and 5 parts magnesite resulting in approx. 45%wt inorganic filler).
- 4). The additional features of the following claim are also known from this document:
  - claim 15: see p. 6, l. 13
  - claim 16: see cl. 16
  - claim 17: see p. 7, l. 4
  - claims 18-22: see p. 6, l. 23-27.
- Dependent claims 13, 23 and 24 do not contain any features which, in 5). combination with the features of any claim to which /they refer, meet the requirements of the PCT in respect of inventive step, the reasons being as follows:
  - the slight difference in %age of binder compared to example 4 of the cited document is not considered to be inventive
  - the arrangement of the smoking article according to claims 23 and 24 is common in the art.
- The present application does not meet the requirements of Article 33(2) PCT, 6).

because the subject-matter of claims 25 and 26 is not new over US-A-5056537(see figs.). The elutable aerosol generator is polyhydric alcohol (claim 15) exactly as preferred on p. 5, bottom para. of the present application.

7). The subject-matter of claims 27 and 28 is not inventive over a combination of the two cited documents.

#### ad VII

The relevant background art disclosed in the two cited documents should be mentioned in the description (Rule 5.1(a)(ii) PCT).

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